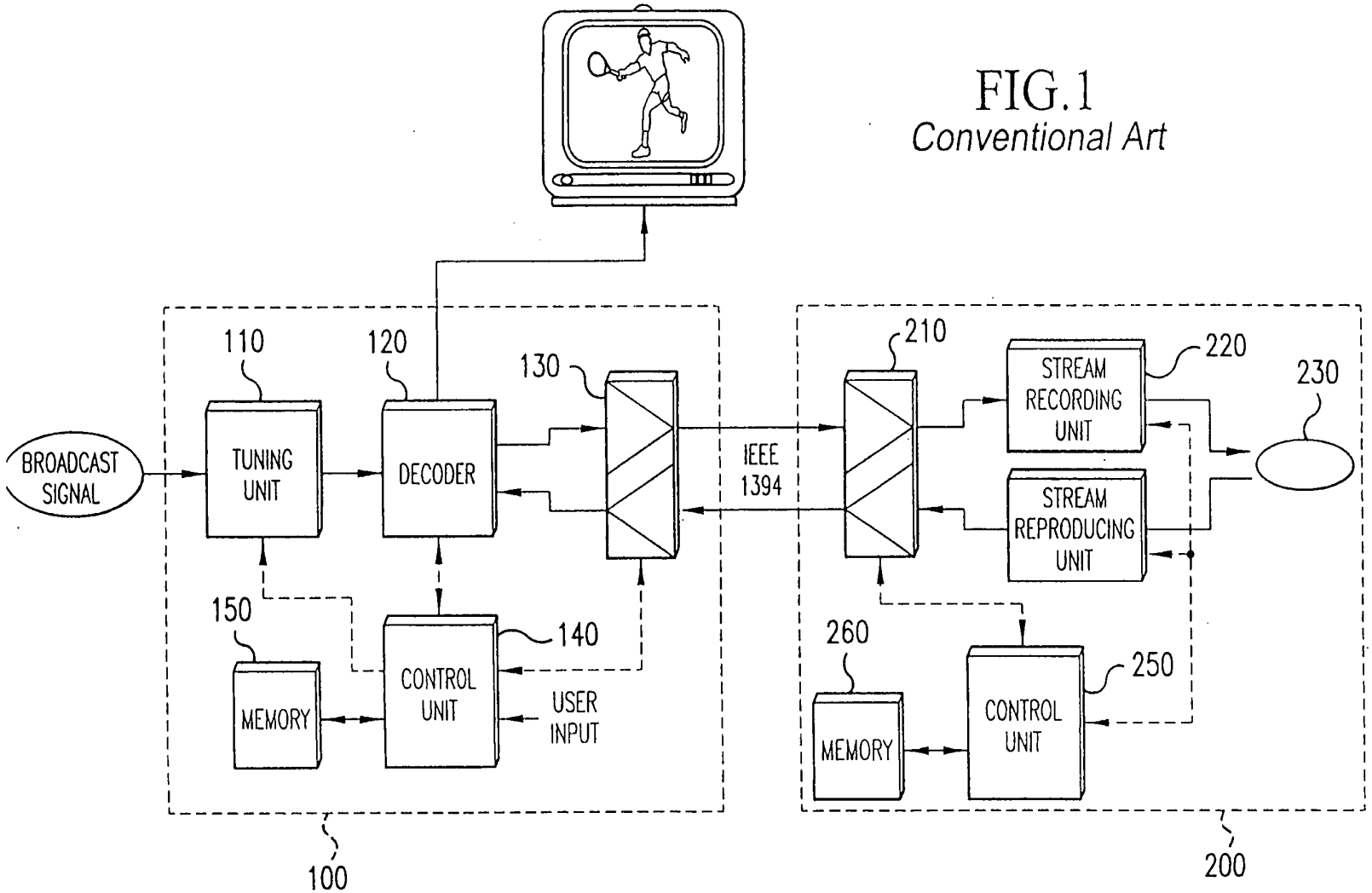
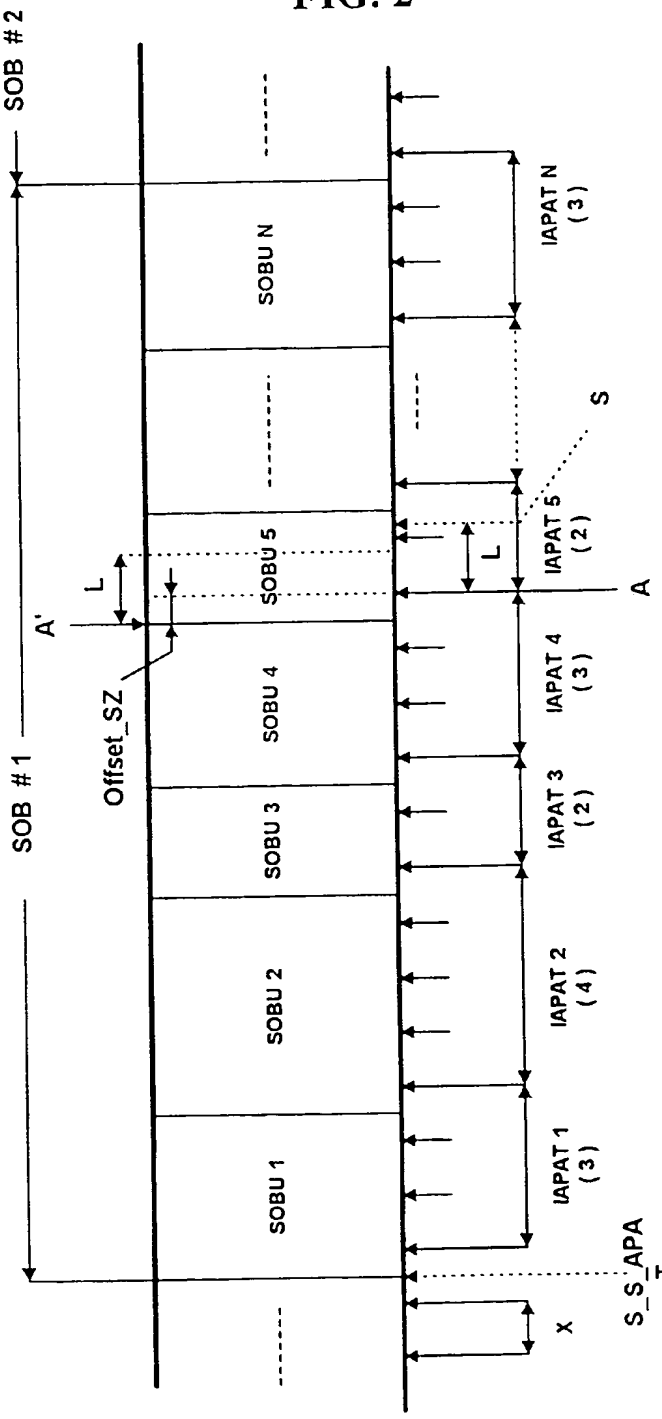


FIG.1
Conventional Art

FIG. 2



Conventional Art

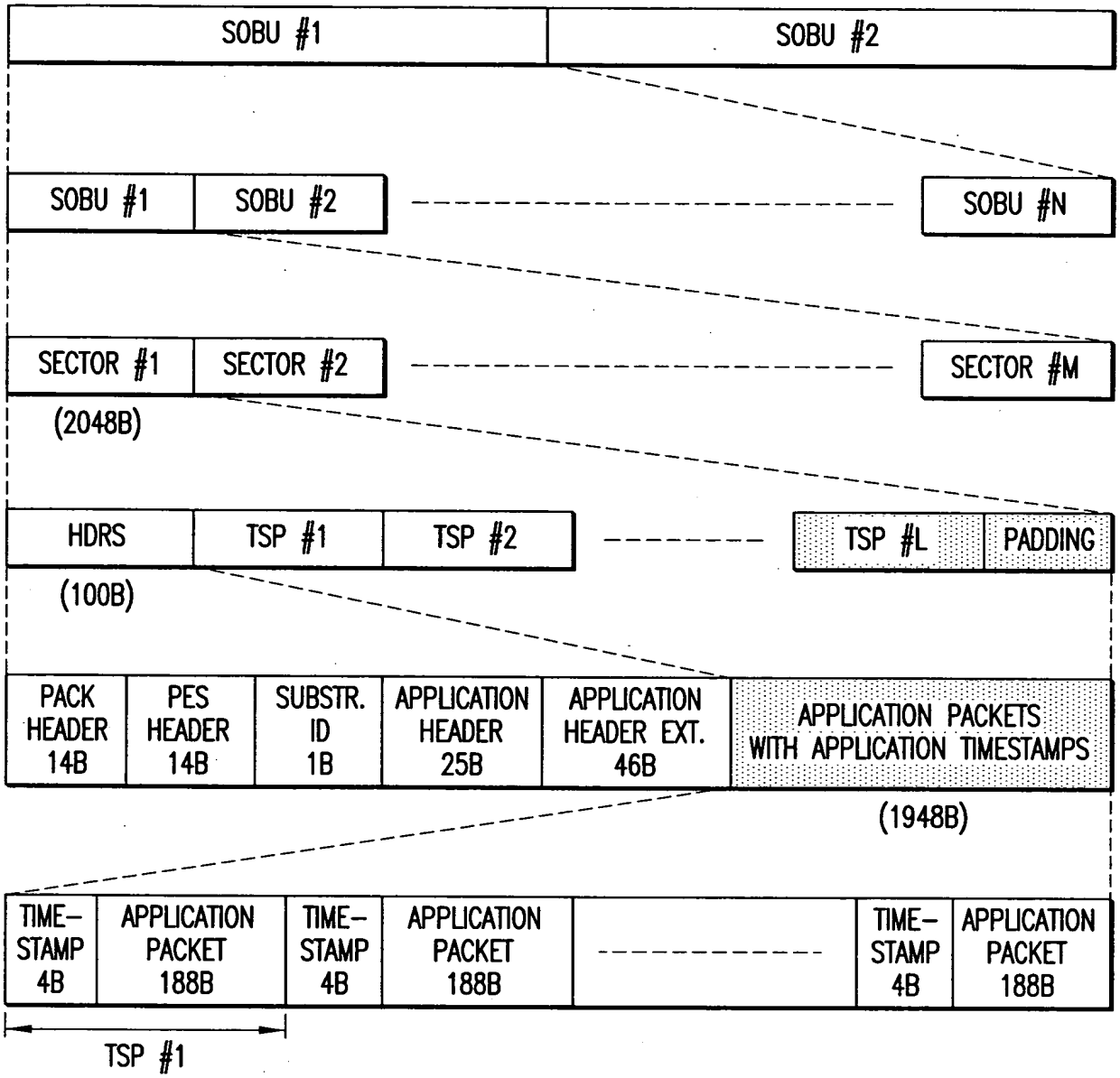


FIG.3
CONVENTIONAL ART

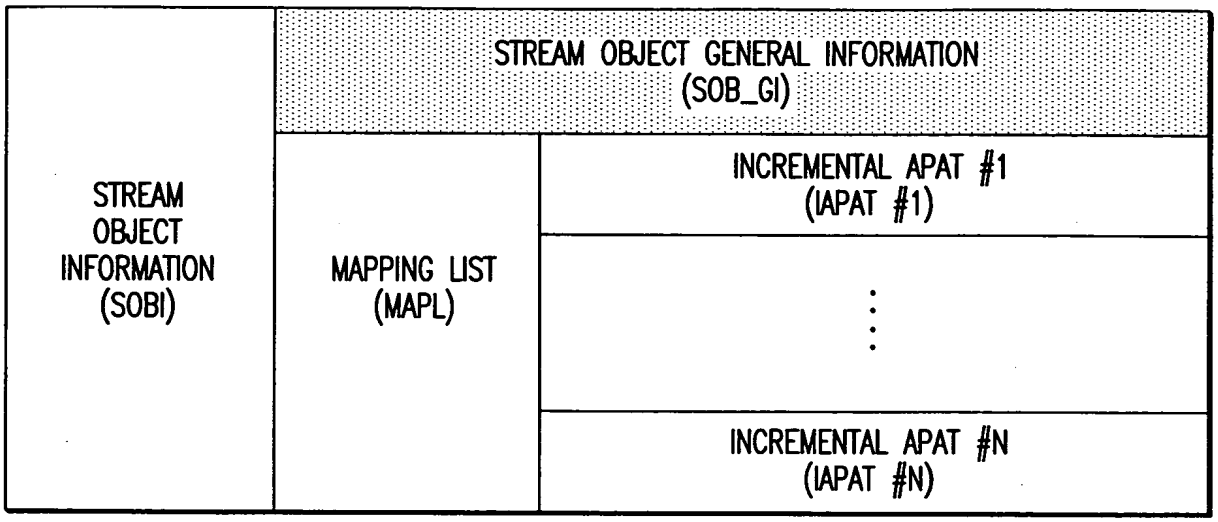


FIG.4
CONVENTIONAL ART

SOB_GI		
SOBU_SZ	MINIMUM MAPPING UNIT SIZE	2 BYTES
MTU_SHFT	MAPPING TIME UNIT SHIFT	1 BYTE
RESERVED	RESERVED	1 BYTE
MAPL_ENT_NS	NUMBER OF MAPPING LIST ENTRIES	4 BYTES
S_S_APAT	STREAM START APAT	8 BYTES
S_E_APAT	STREAM END APAT	8 BYTES

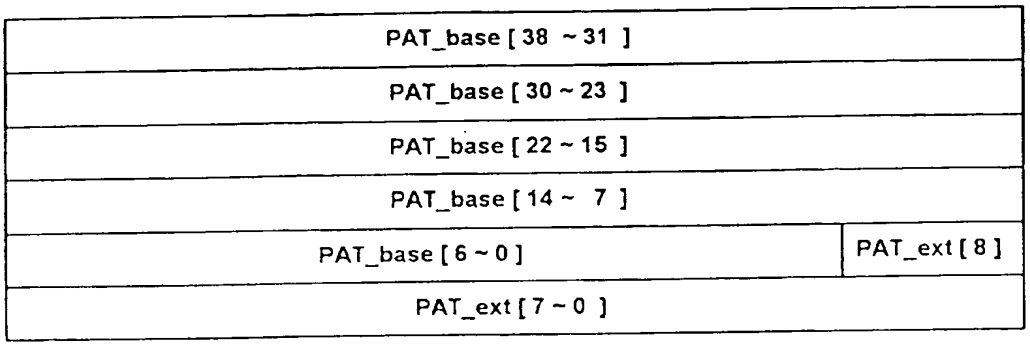
(a)

INCREMENTAL APAT		
IAPAT	INCREMENTAL APAT	2 BYTES

(b)

FIG.5
CONVENTIONAL ART

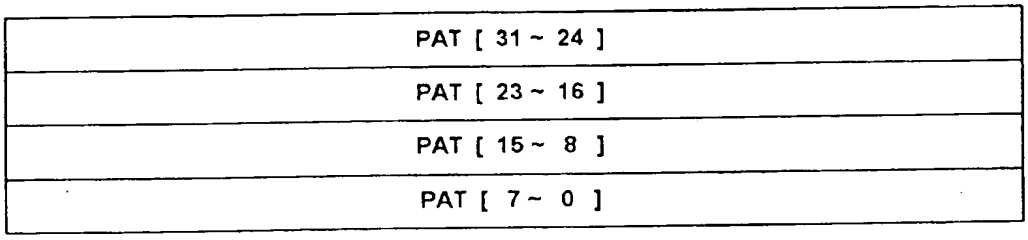
FIG. 6A



PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

Conventional Art

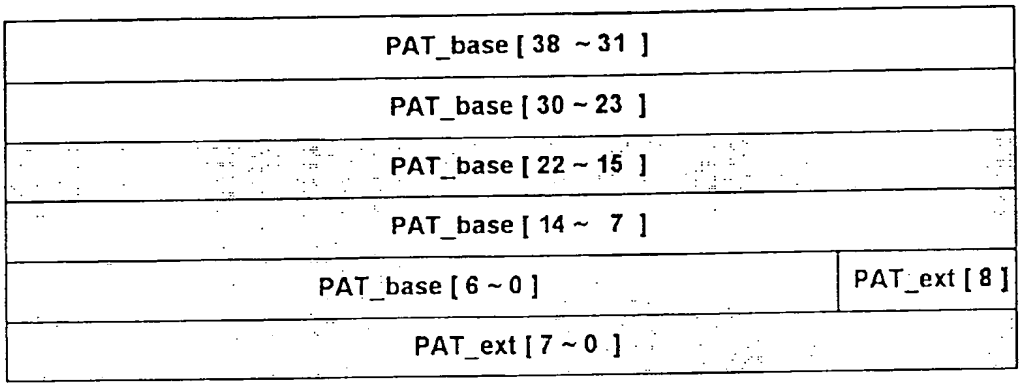
FIG. 6B



PAT : 27 MHz unit

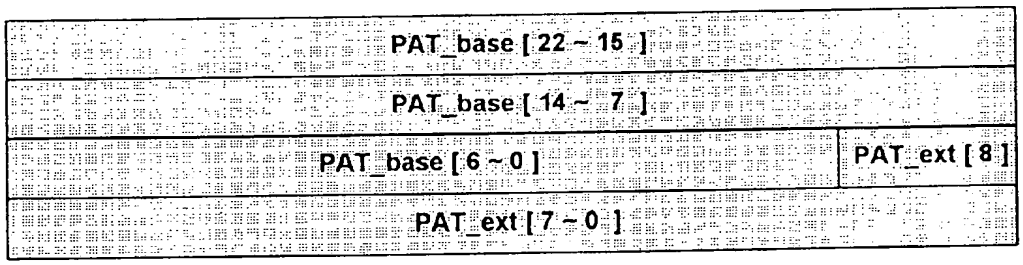
Conventional Art

FIG. 7A



PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

FIG. 7B



PAT_base : 90 KHz unit , PAT_ext : 27 MHz unit (0 ~ 299)

FIG.8

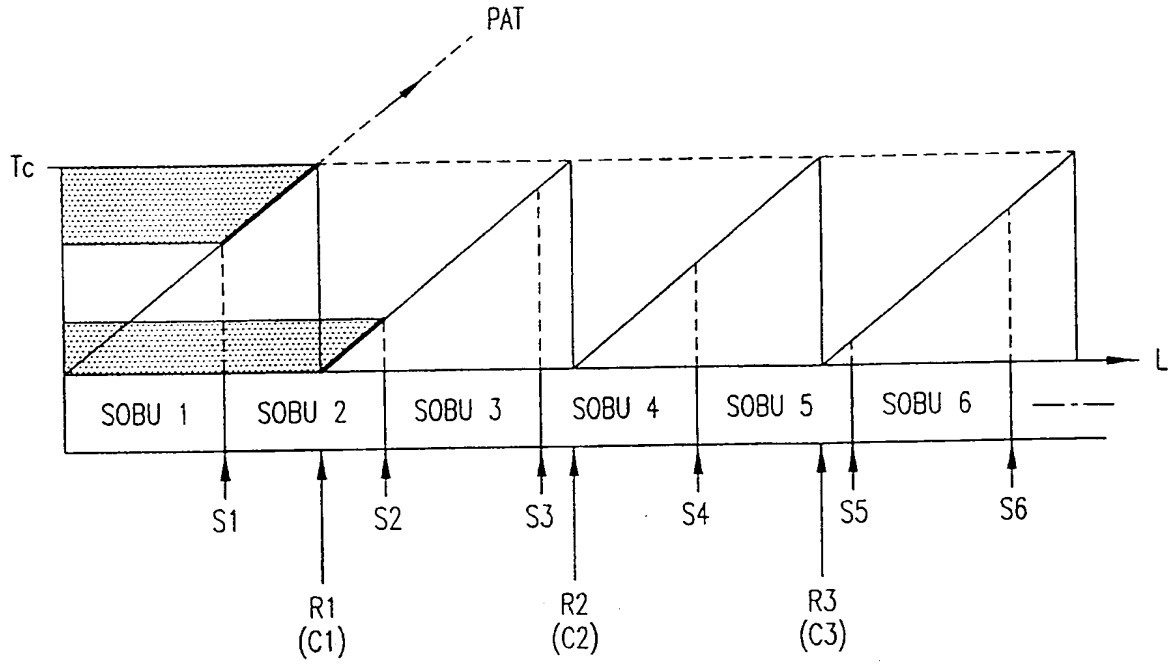


FIG.9

Conventional Art

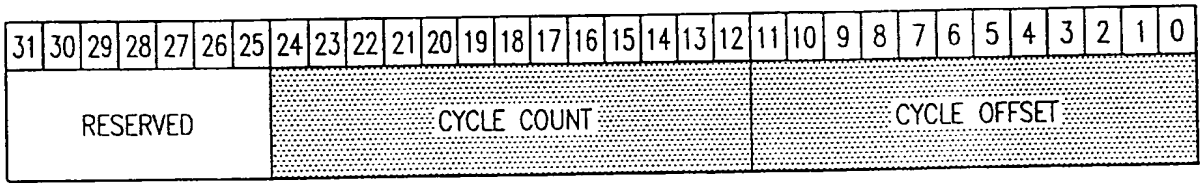


FIG.10

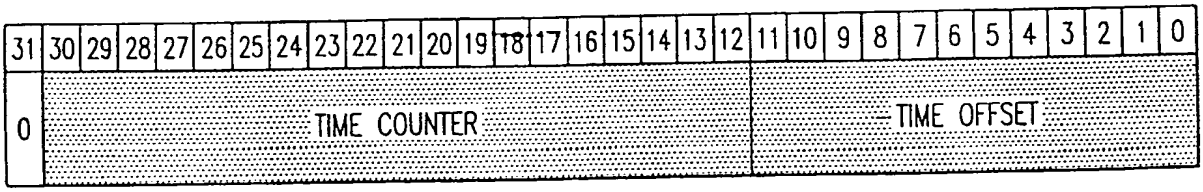


FIG.11

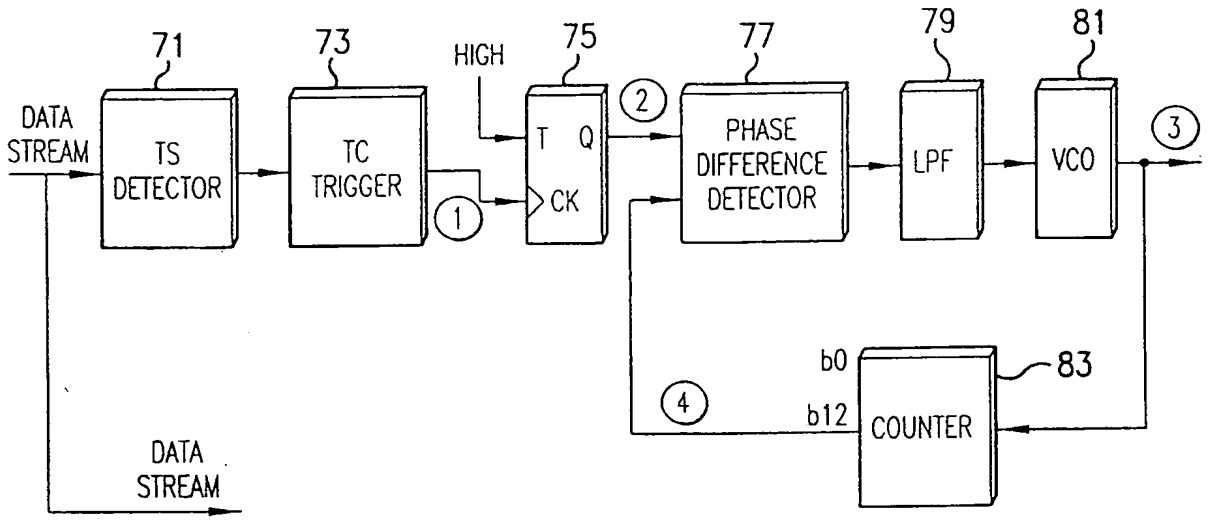
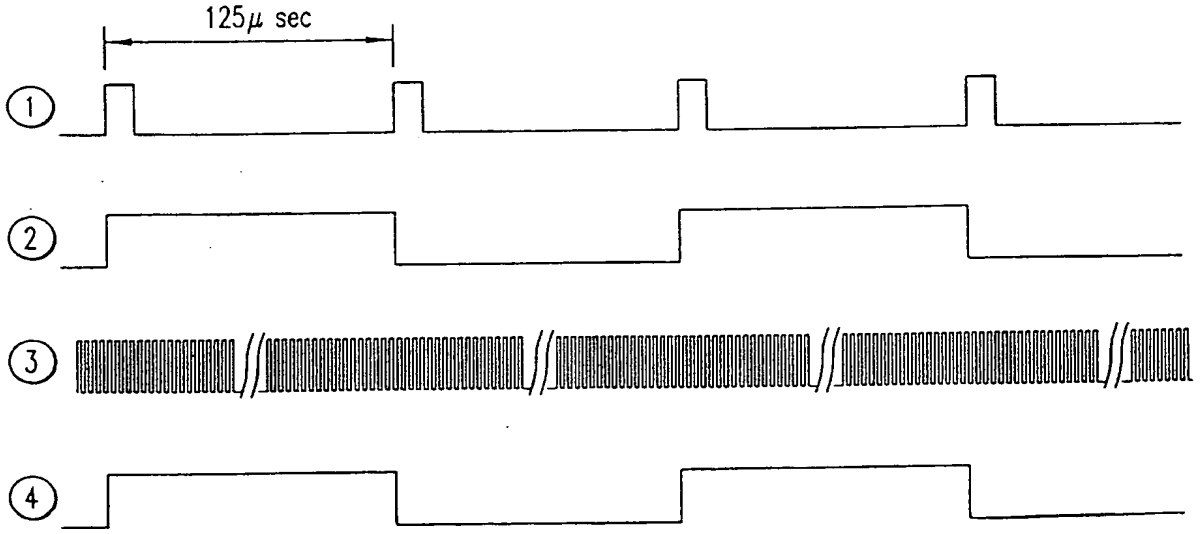

71
73
HIGH
75
77
79
81
DATA STREAM
TS DETECTOR
TC TRIGGER
T Q
CK
PHASE DIFFERENCE DETECTOR
LPF
VCO
1
2
3
4
b0
b12
COUNTER
83
DATA STREAM

FIG.12


125μ sec
1
2
3
4